

List of Current Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Claims 1 - 10 (Cancelled).

11. (Previously presented) A Measurement pickup of vibration-type, comprising:

at least one measuring tube for the conveying of a fluid, said measuring tube showing an inlet end and an outlet end and vibrating at least at times, said measuring tube communicates, via a first tube segment opening into said inlet end and via a second tube segment opening into said outlet end, with a pipeline connected therewith, said measuring tube executes mechanical oscillations about an imaginary oscillation axis connecting said two pipe segments; and

a support element for oscillatable holding of said measuring tube, said support element showing a first end piece containing a passageway for the securement of said first tube segment and a second end piece containing a passageway for the securement of said second tube segment wherein:

each of said two tube segments extends through its respective one of the two passageways and each of the two passageways shows an inner diameter, which is greater than an outer diameter of its associated tube segment, so that an intermediate space is formed between each of the associated tube segments and end pieces,

at least one of said two tube segments carries at least one, first spring element, and

said first spring element is arranged in the intermediate space in such a manner that it contacts both its associated tube segment and also its associated end piece in such a manner that it is subjected to radially acting, deformation forces and, as a result of elastic deformations accompanying such, is held pressed against the associated tube segment and the associated end piece.

12. (Previously presented) The measurement pickup as claimed in claim 11,

wherein:

said first spring element is embodied as a spring packet, which is composed of two or more leaf springs extending radially with respect to the oscillation axis, and which so fills the intermediate space formed between said first tube segment and said end piece that said leaf springs contact both the associated tube segment and the associated end piece.

13. (Previously presented) The measurement pickup as claimed in claim 12, wherein:

said leaf springs are embodied in the shape of annular washers.

14. (Previously presented) The measurement pickup as claimed in claim 12, wherein:

said leaf springs have a star-shaped structure.

15. (Previously presented) The measurement pickup as claimed in claim 12, wherein:

said leaf-springs are provided with radial slots.

16. (Previously presented) The measurement pickup as claimed in claim 12, wherein:

said leaf springs lie one after the other in the direction of the oscillation axis.

17. (Previously presented) The measurement pickup as claimed in claim 12, further comprising:

a layer of vibration-damping plastic provided between said at least two leaf springs.

18. (Previously presented) The measurement pickup as claimed in claim 11, wherein:

said first spring element is embodied as a Spieth-sleeve or as an annular-spring, locking element.

19. (Previously presented) The measurement pickup as claimed in claim 11, further comprising:

a clamping apparatus, which is connected, with the at least one end piece, is provided for said first spring element, which introduces into said first spring element deformation forces acting in the direction of the oscillation axis.

20. (Previously presented) The measurement pickup as claimed in claim 11, further comprising:

a second spring element pushed onto said at least one tube segment; and
a spacing ring arranged between said two spring elements.

21. (New) The measurement pickup as claimed in claim 11, wherein:
said first spring element is made of metal.

22. (New) The measurement pickup as claimed in claim 11, further comprising:
a clamping apparatus, which is connected releasably with the at least one end piece and is provided for said first spring element, said clamping apparatus introduces into said first spring element deformation forces acting essentially in the direction of the oscillation axis.

23. (New) The measurement pickup as claimed in claim 12, wherein:
said leaf springs show an essentially meandering structure.